

ENVIRONMENTAL GUIDELINES

i. These guidelines outline activities that have demonstrated a greater need for environmental review on this installation.

ii. References: NEPA, AR 200-2, AR 415-15, FD Reg. 350.4, App N.

1. Use of Vehicles:

a. Off Road Use: Use existing roads and trails to avoid unnecessary destruction of vegetation and soil erosion and to avoid leaving a "signature" visible to hostile aircraft.

b. Stream crossings and fording activities are authorized **only** at hardened water crossing sites.

c. Vehicle Washing:

(1) Wash all vehicles only at the Central Vehicle Wash Rack Facility. Clean water rinsing, only to remove dust, steam cleaning of engines or undercarriages can be done in motor pools equipped with functional oil/water separators. **Soaps shall not be used in any circumstance** as they emulsify oils and defeat the purpose of the oil/water separator.

(2) Vehicle washing in any open body of water (i.e., streams, ponds, lakes, and wetlands) is strictly prohibited.

2. Field Activities:

a. Field Latrines:

(1) Units in training will use concrete vault field latrines.

(2) If field latrines are not accessible, portable latrines are available through PW Supply, 2-6047 or 2-5517.

(3) Pit latrines, trench latrines and catholes are strictly prohibited.

b. Use of Water:

(1) Laundry/Bath Points are located in the following training areas:

TA07C VP 4875/7841;

TA09B VP 5370/7954;

TA11B VP 4667/8331;

TA13A VP 5050/8550; (H)

TA14G VP 5505/8037; (H)

TA17D VP 5676/9938; (H)

TA18B VP 6414/9593.

(H) = Hardened Shower Building

A Record of Environmental Consideration (REC) is required.

(2) Water Purification Points are located at the laundry/bath points in TA07C, TA09B, and TA11B. These and additional locations are listed below.

Other locations will be approved on a case-by-case basis, as they require a more stringent review. A REC is required for **all** water purification operations. IAW NY State regulation, any release of backwash and brine water on site is prohibited. Backwash and brine water will be disposed of at a designated drop-off point. Unit shall be prepared to contain and haul fluids for disposal. Locations approved for water purification/ROWPU operations are:

TA06B VP 4410/7785 Black River

TA06C VP 4490/7790 Black River

TA07C VP 4878/7840 Warren Swamp

TA11B VP 4667/8331 Black Creek

TA14B VP 6025/8424 Quarry Pond

TA17A VP 5310/9420 Indian River

(3) Field Mess Operations are handled on a case-by-case basis and must have approval of the Environmental Division and Range Control (REC required).

c. Communication Wire: Upon completion of training both cable and/or wire shall be removed completely prior to unit release/clearance and turned-in to DOL.

d. Barbed, Ribbon and Concertina Wire: Upon completion of training, all wire will be removed from the field and, if serviceable, turned-in to DOL Supply & Services, 2-5637 (Active Units only). Units that hand receipt wire from

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Division will return all serviceable wire to place of issue. Unserviceable Wire that cannot be reused shall be turned in to DRMO, 2-4592, bldg. T-1350, corner of Gasoline Alley and Third Street E. Wire will be clean of stakes and tags.

e. Camouflage:

(1) Absolutely **No** scrub brush, saplings, or trees will be cut under any circumstances without prior approval of the PW Environmental Division.

(2) Requirements for trees/logs are handled on a case-by-case basis and must have approval of the PW Environmental Division and Range Control (REC required).

3. Hazardous/Toxic Materials:

a. Used Oil, Contaminated Fuel, Cleaning Solvents and debris from cleaning (i.e., cleaning rags, absorbent pads).

(1) Used oil and contaminated fuel shall be disposed of only at designated storage tanks; no such fluids will be disposed of in the field. For used oil collection points and the contaminated fuel disposal point locations contact Environmental Division, 2-5708 for assistance.

(2) Used oils are not to be mixed with other wastes such as fuel and/or cleaning solvents. Once chemicals are mixed together (even with water) they are no longer hazardous materials but are then treated as hazardous wastes.

(3) If field activity prevents use of cleaning solvent equipment or used oil/contaminated fuel collection points, the used solvent & POLs shall be segregated and identified, stored in 5 gallon containers and returned to the motor pool or contact PW Environmental Division, 2-5708. Parts cleaning machines (solvent) are provided by contract, for the motor pools

by PW and are not deployed as unit TO&E. **Solvents shall not be discharged to ground water.**

b. Hazardous Materials/Waste Turn-In: Contact Hazardous Waste Manager (ext. 2-2678) at PW, Environmental Division. **(Active units shall call Division Liaison at 2-2080)** for turn-in of:

Acids
Pesticides/Chemicals
Asbestos
PCBS
Batteries
Used POLS (contaminated)
Paint/Thinners
Unknowns
Filter Elements
Lead Dust
Chemical Defense Equipment -
Training Kits

c. Hazardous Waste Sites: Dumping Petroleum, Oil and Lubricant (POL) products or hazardous wastes along roads or in the field is a violation of Federal law. CID and the Federal Attorney's Office actively investigate such cases.

d. POL Refueling Points and Fuel Bladders:

(1) All re-fueling operation locations (i.e., TPUs, fuel tanks, bladders, 5gal cans, etc.) require a Record of Environmental Consideration (REC).

(2) Units shall have spill kits on site. To include: clear plastic bags, shovels and absorbent pads/materials).

(3) Re-fueling points and fuel blivets shall be located **at least 150 meters** away from wells and surface waters of any type. These **operations will not be authorized in TA04** on account of potable water well field locations and high water table.

(4) Pre-approved FARP sites are located in the following training areas:

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TA05D VP 4450/8030 (100m R)

TA06C VP 4530/7810 (100m R)

TA07B VP 5134/7587 (100m R)

TA07G VP 4930/7560 (100m R)

TA14G VP 5530/8050 (100m R)

TA15D VP 5250/8620 (100m R)

TA17C VP 5652/9875 (100m R)

TA17D VP 5681/9933 (100m R)

TA18A VP 6030/9839 (100m R)

(5) Ground storage for POLs (i.e., fuel tanks, bladders, etc.) requires a polyethylene lined earthen berm great enough to contain 110% of all fluids or installation approved containment device (REC required).

(6) Tactical positions for all generators are approved on a case-by-case basis. Placing generators below ground surface is prohibited (i.e., will not be dug-in).

e. POL Spills:

(1) All spills are reportable no matter what size or volume. Drips and weeps are considered a spill and shall be reported.

(2) Any release is a spill (i.e., drips and weeps).

(3) **All** POL spills will be reported **immediately** to the Fire Department directly at extension 2-4131 or through Range Control, 2-7151.

(4) Caller must provide POC, phone number, location of spill, substance spilled, and the amount. At the same time the spill is being reported, attempt to stop the spread of the spill with absorbent materials and shovels. Shovel the spilled substance and the immediate soil around it into clear plastic bags or drums and contact the PW Environmental Division (2-5708) for waste disposal location.

(5) POL spills entering a water source will be reported **immediately** to the Fire Dept. (2-4131) directly or via

Range Control, and Environmental Division.

4. Solid Waste:

a. Refuse is to be bagged in clear plastic bags and dropped into assigned dumpsters. *Call 2-6445 for more information.

b. All recyclable items (paper, cardboard, glass, plastic, tin and aluminum, food grease) must be separated and brought to building T-1142 for processing. Hours of operation are Mon. - Fri., 0700-1500. A recycle trailer is located in front of building T-1142 and is available 24 hours day, seven days a week after normal duty hours. All containers must be rinsed clean and cardboard must be flattened.

c. Wood (raw and finished) is to be brought to the installation transfer point located on the cantonment in the vicinity of VP 3347/7822. Hours of operation: M-F, only; 0730 - 1600.

d. Metal - All metals are to be turned in to DRMO. Items must be clean/free of food and other contaminants. Unit must go through the Material Management Office, building T-4525. *Call 2-4582 prior to turn-in.

e. For further guidance, call the PW Help-Line, at extension 2-5495.

5. Cultural Resources:

a. Federal Law mandates that all cultural resources eligible for listing on the National Register of Historic Places must be protected from damage. Cultural resources include, but are not limited to, historic buildings and structures, cemeteries, and historic and prehistoric archeological sites. Areas on Fort Drum containing National Register eligible cultural resources are marked with OFF LIMITS signs and/or Seibert Stakes, and shall be avoided.

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b. Protected properties and their marked boundaries are surrounded by a 30-meter buffer. Within this area no excavation, demolition, or tracked/wheeled vehicle traffic will be allowed. Adverse effects to cultural resources by these or other destructive activities can result in violation of Federal Law and the necessity for costly mitigation measures. Federal Law prohibits Artifact/relic collecting on any cultural resource located on Fort Drum.

c. If accidental discovery of items that appear to be cultural remains (historic foundations, graves, historic or prehistoric artifacts, etc.) occurs during emplacement excavation or construction projects, all work shall cease within a 30-meter radius of the find. Range Control (2-7152) and PW, Environmental Division (2-4165 or 2-5708) shall be contacted immediately.

6. Wetlands:

(1) Training activities must be minimized in and around wetlands, streams, and other water bodies on Fort Drum.

(2) Excavation or depositions of any fill material into wetlands, or the fording of streams, ponds, lakes, wetlands, etc. can and will trigger jurisdictional action by the US Army Corps of Engineers Regulatory Branch.

(3) Sensitive Wetlands and Mitigation project areas are marked with OFF LIMITS signs and/or Seibert Stakes, and shall be avoided.

7. Fish and Wildlife:

(1) It is illegal to pursue, shoot, hunt, kill, capture, or trap protected wildlife or engage in lesser acts that disturb or harass such animals. All hawks, owls, songbirds, and their nests are protected and may not be hunted or taken.

(2) It is illegal to hunt, trap, or take fish or wildlife except during the open season and during the hours permitted by law and regulation.

(6) Hunting, fishing, trapping, and related activities are regulated on Fort Drum by FD Reg. 200-2.

(7) Sensitive areas and monitoring station areas are marked with OFF LIMITS signs and/or Seibert Stakes, and shall be avoided.

(8) For more information contact the PW Fish and Wildlife Biologist at ext. 2-9636.

8. Areas of Concern

a. As noted in certain sections of this document, areas of concern are marked with OFF LIMITS signs and/or Seibert Stakes, and are to be avoided.

b. Areas of concern can include: cultural and archeological sites, wetlands areas and project sites, wildlife monitoring sites, and areas of suspected and known contamination).

9. Record of Environmental Consideration (REC)

a. Federal Law and Army Regulation require environmental documentation for all federal actions (e.g. military training, new technology/equipment testing, construction projects, and real property transactions). **All** training units are required to submit a REC for approval with a Project Name, Date and Duration, Proponent, and a detailed Description of Proposed Action (copy attached) to the Environmental Division, Fort Drum, NY, before their training activity can commence.

b. REC forms shall be filed with the PW Environmental Division a **minimum of 14 Business Days** (three weeks) prior to occupying or preparing the field for training. Larger training missions

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(i.e., Division and Brigade Levels) shall coordinate and submit REC forms thirty days prior to training as part of the planning process. When mission is underway a **24-Hour Notice** is required for approval of new and jump locations. Units must realize that their positions may be moved to accommodate short notice requests. It is highly recommended that Units request alternative locations on original REC forms whenever possible. Unit is also asked to consolidate all actions for a training period onto one REC form (i.e., AT, Mountain Peak, etc.). Although REC forms may be submitted by FAX to begin review process, the original REC is required for approval and annotations. **REC forms, once approved, are to be retained with the unit in the field.**

Engineer and other support units are required to have a copy of the approved REC in hand prior to any project and/or support action. The unit receiving support is the proponent responsible for submitting the REC for review and approval. The REC form (**Fort Drum Form 541, 1 Nov 96**) is available from the Directorate of Information Management Forms Stockroom, T-1131; the PW Environmental Division, ext. 2-5110; and the *PW Environmental* Public Folder.

10. Procedures for REC (Fort Drum Form 541, 1 Nov 96) Submission:

- a. Provide the name of the action (e.g. Bold Shift, Mountain Peak, AT 00, Global Patriot, etc.).
- b. Specify the date and duration of the proposed action beginning with the field preparation date and ending with the field closure date.
- c. List the proponent: unit name, address, point of contact, and phone number.

- d. Describe the proposed action:
 - (1) **8 digit grid coordinates.**
 - (2) **Radial distance, in meters, from the center grid (no more than 300m R).**

- (3) Level of activity: number of personnel, # and type of equipment, # and type of weaponry, etc.

- (4) Describe the type of activity:

- (a) Mess/shower/laundry: include the amount of gray water and the # of soakage pits requested (specify dimensions).

- (b) DECON: All vehicles shall be washed at authorized wash rack prior to decon activities. Use of soaps/solvents or other chemical is strictly prohibited. Spraying of vehicle engines and undercarriages for any purpose is strictly prohibited. Include the water source, number/type of vehicles, and the number of gallons to be sprayed per day/mission.

- (c) Water purification or treatment, etc.: # gals water, chemicals used and at what concentration.

- (d) Water crossing or bridging operations are prohibited unless coordination takes place to apply/receive approved Waters/Wetlands Federal and State permits.

- (e) Petroleum, Oils and Lubricants (POL): # gals on site, type of product and how stored (i.e., truck/tank/bladder, on or above the ground storage or fixed).

- (f) Maintenance: specify the type/level of maintenance and detail the proposed activity (i.e., estimate gals of waste fluids, storage methods, etc.). Locations for TM-10/20 and DS maintenance are approved on a case-by-case basis. Field spill kits are required (i.e., clear plastic bags, shovels, absorbent pads, etc.). Early

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coordination with PW Environmental Division is required for fluid collection and additional guidance.

(g) Excavation: type (i.e., borrow pit, grading, trenches, survivability positions: one-man, two-man, crew served, bunkers, tracked or wheeled vehicles, etc.) Provide dimensions, configurations, equipment required to accomplish task, supporting unit, preparation date, closure date, etc.

(h) Demolition: type, amount of explosive material, training objective, cleanup procedures. NOTE: All demolition actions outside the designated demolition range will require additional environmental review, which will likely result in delays. Coordinate early!

(i) Construction/Renovation: description of proposed action and purpose. This includes all contract, troop labor and self-help requests, etc.

(j) All other actions not described here shall require consultation with the PW Environmental Division NEPA Coordinator to determine the appropriate course of action for NEPA compliance.

11. Conclusion:

a. The National Environmental Policy Act (NEPA) requires us to be stewards of our environment. We, as leaders, must assess our mission needs and identify potential impacts to the environment, identify alternatives, and choose those which meet our goals and minimize environmental impacts. IAW AR 200-1 and AR 200-2 we are directed to consider the environment, our mission needs, and how our actions today will effect our environment in the future.

b. Investigation by EPA of illegal activities occurring in the training areas

at Fort Drum has resulted in criminal charges, indictment, and conviction of Fort Drum personnel for violation of environmental laws. This is indicative of the seriousness and consequences that non-compliance with environmental regulations are having. These laws apply to military and civilian personnel.

c. Environmental Briefings are scheduled throughout the year and are available upon request by contacting the NEPA Office at ext. 2-5110.

d. For further information on environmental concerns and environmentally sensitive areas of Fort Drum, contact:

ENVIRONMENTAL DIVISION
ATTN NEPA COORDINATOR
PUBLIC WORKS T-4848
85 FIRST STREET WEST
FORT DRUM, NY 13602-5097

or call: (315) 772-5110/6899/5708
DSN 772-5110/6899/5708
FAX x-8050

**FORT DRUM
RECORD OF ENVIRONMENTAL CONSIDERATION
(REC)**

SUBMIT AT LEAST **14 BUSINESS DAYS** PRIOR TO PROPOSED ACTION

Project Name/Number:

Date and Duration of Proposed Action:

Proponent: (unit/directorate, address, bldg. #, POC, phone, email)

Description of Proposed Action: (Include Location (**8 digit coordinate and TA**), Radial distance in meters from center grid, Level of Activity (i.e., number of personnel and equipment) Type of activity (i.e., POL operations, mess/laundry/bath, demolition, real property actions, grading, borrow pit, construction or renovation actions, excavation, fielding/testing actions, etc.) CONTINUE ON REVERSE!

Signature of this document is solely a determination of compliance with the provisions of the National Environmental Policy Act (NEPA). This does not preclude, nor constitute a determination of preclusion from, any additional requirements pursuant to submittals or permits ensuring compliance with other applicable federal, state, or local laws, regulations, requirements, and/or guidelines.

Signed _____
Proponent

Title _____

Date _____

PW - Environmental Division Use Only

Approval _____
NEPA Coordinator

Date _____

*It has been determined that the action:

- a. Is adequately covered in existing EA ___ EIS ___ entitled: _____ dated: _____
- b. Is categorically excluded under the provisions of 32 CFR 651, Appendix B, Section II (_____) (_____).

LOG # _____
Fort Drum Form 541
1 Nov 96

A: approved; C: cancelled; D: denied; X: low impact

Received: / /

IAW: 32 CFR 651, AR 200.2, FD Reg. 350-4

(REPLACES AFZS-EH-E FORM 398, 1 DEC 93)